**Description**
The ImmuLex™ S. pneumoniae Omni is a rapid latex agglutination test for detection of *Streptococcus pneumoniae* (S. pneumoniae).

It is a ready-to-use latex test for quick detection of all 92 *S. pneumoniae* serotypes directly from a positive blood culture or from a pure culture. A positive reaction is visible to the naked eye within 5 seconds for blood culture and 10 seconds for pure culture.

![Image](image1.png)

*Figure 1. ImmuLex™ S. pneumoniae Omni reactions.*

**Sensitivity & Specificity**
When testing the performance of ImmuLex™ S. pneumoniae Omni, it proved both a 100% sensitivity and a 100% specificity.

<table>
<thead>
<tr>
<th>ImmuLex™ S. pneumoniae Omni</th>
<th>Positive Blood Culture</th>
<th>Negative Blood Culture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensitivity</td>
<td>100 %</td>
<td>155</td>
</tr>
<tr>
<td>Specificity</td>
<td>100 %</td>
<td>0</td>
</tr>
</tbody>
</table>

**Storage and Shelf Life**
Store at 2-8 °C. Expiry date is printed on the package. Do not freeze (if the reagents have accidentally been frozen, they should not be used).

**Product Assortment**
ImmuLex™ S. pneumoniae Omni art. no. 91398

**Background**
*S. pneumoniae* is a major cause of invasive infection, and WHO estimates that approximately 1.6 million people die of severe pneumococcal infections every year.1 *S. pneumoniae* is the leading cause of community-acquired pneumonia and may be the most important agent in community-acquired pneumonia of unknown etiology.2 *S. pneumoniae* infection can lead to bacteremia, meningitis, pericarditis, empyema, purpura fulminans, endocarditis and/or arthritis. A rapid diagnosis of especially pneumococcal pneumonia and meningitis is important as these infections can normally be treated with penicillin, which is inexpensive, and does not induce antibiotic resistance at the same level as other antibiotics.3

**Application**
A drop of latex suspension is placed next to a drop of positive blood culture medium in the circle on the reaction card. The two drops are quickly mixed with a mixing stick and spread to cover the complete area of the circle. A positive result will show within 5 seconds. A reaction after 15 seconds is a negative result. Procedure for pure culture please see package insert.

**References**

**Information and Ordering**
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